RevNo	Revision note	Date	Signature	Checked

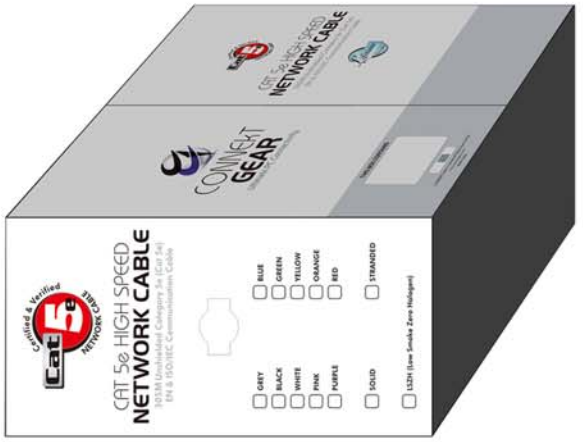
Unshielded Category 5e (Cat 5e) EN & ISO/IEC Communication Cable

Electrical Performance (At 100MHz)

- Phase delay: 570-536 ns/100m max. At b=1MHZ-100MHZ
- Delay skew :<45ns/100m at b=1-100MHZ
- Voltage resistance : <80V
- Pair to ground capacitance unbalance (PF/100M) 330Max
- Conductor DC resistance 20% (ohms/km) <93.8
- Resistance Unbalance (%) 5
- Before Tensile strength (Mpa) ≧13.8
- Ageing Elongation (%) ≧ 100
- Ageing condition (C xhrs) 100×240
- After Tensile strength (Mpa) ≧85% of unaged
- Ageing Elongation (%) ≧ 50% of naged
- Storage temperature: -20℃- +75℃
- Temperature range for installations: 0℃- +50℃
- Temperature range in operation: −20℃- +60℃

Cable Data

- AWG: 24
- Conductor Dia (mm): 0.2mm (±0.01mm)
- Insulation: PE
- Average thickness (±0.03mm) : 0.20
- Min point thickness: 0.17
- Insulation Dia (±0.03mm): 0.9
- Twisting lay length(mm): 30 underneath
- Cabling lay length (mm): 200 underneath
- Jacket: ROHS PVC
- Average thickness: 0.5
- Min point thickness: 0.43
- Outer Dia(±0.01mm): 5.2
- Rip cord: Yes
- Weight Nom (kg/305m) 6.97
- Core color: Blue-white/blue
  Orange-white/orange
  Green-white/green
  Brown-white/brown



Product Code 28-0305UG

Specifications

1. UTP CAT 5e Stranded EN & ISO/IEC Communication cable
2. 4 Pairs *2*7*0.2mm (24AWG)
3. Conductor diameter: 0.2mm
4. Jacket material: PVC
5. Colour: Grey
6. Length: 305M
7. RoHS & Reach Compliant

WIRING MAP		
P1	COLOR	P2
1	WHITE/ORANGE	1
2	ORANGE	2
3	WHITE/GREEN	3
4	BLUE	4
5	WHITE/BLUE	5
6	GREEN	6
7	WHITE BROWN	7
8	BROWN	8